

Abstract of Disclosure

To provide an relief smoothing apparatus that smoothes an image on a recording sheet which is obtained by forming a polyolefin resin coating layer on a base sheet and forming a receiving layer, in which a toner image is infiltrated, on the base sheet, including: plural tension rolls including a first roll; an endless; a second roll; and a heating source, the recording sheet, in which provided that a surface temperature of the first roll is represented by T_n [$^{\circ}\text{C}$], a Vicat softening temperature of the polyolefin resin is represented by T_v [$^{\circ}\text{C}$], and a time required for the recording sheet to pass through the nip portion is represented by t [sec], the following relationship is established: $(T_v + 55) \times (1 + 1/100 t) \geq T_n \geq (T_v + 20)/(1 + 1/100 t)$ [$^{\circ}\text{C}$].